

PROJECT: Midnite Mine Remediation

REPORT NO: 2019-001

OWNER: Newmont/Dawn Mining

OPERATOR: Newmont/Dawn Mining

Summary of Work Activities or Events for this reporting period:

This weekly report provides a summary of Midnite Mine Site (Site) remediation action (RA) construction activities, quality assurance (CQA), quality control (CQC) and engineering activities for the period April 01-04, 2018. The Site activities discussed in this weekly report include, but are not limited to: Site Health, Safety, and Security; Community Liaison, Project Meetings, Regulatory Oversight, Site Visitors; Site Mobilization; RA Activities; Project Documentation; and Site Inspections.

The project SharePoint site includes the Project documentation discussed in this report. Access to the project SharePoint site is available at the following link: <https://amcollab.mwhtools.com/sites/midnitemine>

SITE HEALTH, SAFETY, AND SECURITY

MIDNITE MINE HEALTH & SAFETY SUMMARY: Reporting Period 04/01-04/19

FIRST AID INJURY	0	PROPERTY DAMAGE	1
MEDICALLY TREATED INJURY	0	NEAR MISS INCIDENT	0
RESTRICTED Woy RK INJURY	0	RADIATION PROTECTION PLAN (RPP) – ISSUES REPORTED	0
LOST TIME INJURY	0		

Comments: Property damage on a contractor's pickup occurred on April 2nd when the driver crossed over a windrow and high-centered the vehicle. The skid plate under the vehicle was bent.

COMMUNITY LIAISON

No weekly report received from the Spokane Tribe of Indians Community Liaison Officer for the reporting period.

PROJECT MEETINGS, REGULATORY OVERSIGHT, AND SITE VISITORS

Weekly Progress Meeting:

The Weekly Construction Progress meeting was held at 1000 hours on Wednesday, April 3, 2019 at the on-site conference room and via conference call. Representatives from the following stakeholders attended the meeting in person or via telephone:

- EPA
- Dawn Mining Company (DMC)/Newmont,
- Stantec
- WME
- AJAX Ltd.

Meeting Action Items:

- Discussed the weekly reports would begin and cover the period from Friday through Thursday and be submitted the following Monday with the first report submitted on April 8, 2019.

EPA Plan/Document Approvals:

- None

Regulatory Site Visit(s):

- None

REMEDIAL WORK ACTIVITIES

Construction:

During the week of April 01-04, 2019 the following activities were conducted:

- Excavating, hauling and placing material from the Lime Protore Stockpile 8 (SP8, low reactivity material), Ore Stockpile 4 (SP4, high activity/high reactivity material), and the north end of the South Waste Rock Pile (SWRP, low activity/low reactivity material) began. Material from SWRP and SP8 were placed on the east and west side of Pit 4 to create the 20' rind buffer area. The materials were excavated with either excavator or loader equipment and transported and plug dumped with haul trucks. The plug dumps were leveled with a dozer into lifts not exceeding 10' thick. Table 1 presents the 2019 Pit 4 mass haul materials volume.

Table 1 – 2019 Pit 4 mass haul volume estimates

Reporting Period	Truck Loads	Estimated Volume ¹ yd ³
April 01-04, 2019	2,418	67,704
2019 Cumulative	2,418	67,704

1 – Truck load assumed to be 28 yd³

- Pit 4 tension crack was measured on April 1st. The horizontal distance between movement pins remains at 53.75 inches.
- The vertical dewatering riser heights remain at 200' for the Underdrain Sump (UDS) and 160' for the Waste Rock Dewatering Sump (WRDS).
- Monthly SPCC inspection was performed on April 3rd. No leaks, spill or damage were observed. Housekeeping items reported to superintendents for correction. The inspection report has been posted to the project SharePoint site.

Stormwater Pollution Prevention Plan (SWPPP) Activities

- No SWPPP activities performed this week. Punchlist items from the March 28th SWPPP inspection will be completed as conditions allow.

Equipment Mobilized/Demobilized and Material Delivered

The following equipment was mobilized to the Site during this reporting period.

- None

The following equipment was demobilized from the Site during this reporting period.

- None

All non-road diesel equipment on Site is US-EPA Tier 4 compliant. On-site rental equipment and subsequent deliveries of rental equipment may be less than Tier 4 and will be assessed at the time of delivery.

Materials:

The following material was delivered to the Site during this reporting period.

- None

Dust Control and Monitoring

Six dust monitors were operated during construction activities at the locations and for the time intervals listed in Table 2. The Total Suspended Particulate (TSP) action level of 260 micrograms/cubic meter was not exceeded during the week.

Bison Engineering was on Site on 4/2 to calibrate and relocate the meteorological station. The meteorological station was relocated from the winter location to the same area where the station was located during the 2018 construction season (between the utility crew laydown yard and the west crest of Pit 3). Dust monitors ES-1 and ES-3 were also calibrated. All other dust monitors were calibrated on 21 March, 2019, and trouble shoot and correct a communications problem with dust monitor ES-6.

Table 2 - TSP Dust Monitoring Locations during reporting period Apr 01 – Apr 04, 2019

Monitor ID	Location Description	Start Date	Status						
			Fri	Sat	Sun	Mon	Tue	Wed	Thu
ES-1 (stationary)	Midnite Mine Top of Pit 4	04/01/19				D/N	D/N	D/N	D/N
ES-2 (stationary)	Midnite Mine Southeast Boundary	04/01/19				D/N	D/N	D/N	D/N
ES-3 (stationary)	Midnite Mine West Boundary	04/01/19				D/N	D/N	D/N	D/N
ES-4 (roving)	Light vehicle road east of SP4	04/01/19				D/N	D/N	D/N	D/N
ES-5 (roving)	Spare								
ES-6 (roving)	East Side of Pit 4 next to portable light plant.	04/01/19				D/N	D/N	D/N	D/N
ES-7 (roving)	Southeast corner of Area 5	04/02/19				D/N	D		
ES-8 (roving)	Southeast corner of Area 5	04/01/19					D/N	D/N	D/N
D=Day Shift (6:00 am to 4:30 pm) N=Night Shift (4:00 pm to 2:30 am) E=Environmental conditions (Fog, smoke, pollen, etc.) – No Operation * Equipment malfunction (Battery)									

PROJECT DOCUMENTATION

Project Submittals, Engineering Change Notices (ECNs), Requests for Information (RFIs), Non-Compliance Notifications (NCNs), CQA-CQC Field Acceptance Forms and Other Items received, changed or noted before or during this time-period are shown in the table below:

Table 3 – CQA Documentation

Project Submittals			
Submittal No.	Title	Submittal Date	CQA Approval Date
None			
Project ECNs			
ECN No.	Title	EPA Submittal Date	EPA Response Date
None			

Table 3 – CQA Documentation (cont.)

Project RFIs			
RFI No.	Title	CQC Submittal Date	CQA Response Date
RFI 2019-03	Placement of Wood Chips in Waste Containment Areas	3/11/2019	3/15/2019 Approval Denied by EPA Provide Additional Information Based on EPA Request to Address the 5 Items Outlined in their Response
Project NCNs			
NCN No.	Title	CQA Issue Date	CQC Response Date
None to Date			
CQA-CQC Field Acceptance Forms			
Acceptance No.	Title		CQC-CQA Issue Date
None			
Other Items			
Item	Title		Comments
None			

A copy of the updated CQA Logs are provided on the project SharePoint site under the 2019 CQA Folder.

SITE INSPECTIONS

Details regarding the four-phase CQA observation/inspection process for each definable work feature is summarized above within each work-feature section and are further detailed in the daily CQC/CQA reports that are available on the project SharePoint site.

Preparatory Inspections / Meetings

- None during this time-period.

Initial Phase Inspections

- None during this time-period.

Follow-up Phase and Ongoing Inspections

Daily observations/inspections by CQA during Pit 4 backfill and other construction activities for the following site-specific tasks:

- Pit 4 Backfill
 - Low reactivity mine waste material excavated from Stockpile 8 and the North Waste Rock Pile (NWRP) was placed as both general pit backfill and fill to construct the 20-foot buffer zone (rind) around the perimeter of the pit. High reactivity mine waste was excavated from Stockpile 4 and placed as unclassified waste in areas bounded by the 20-foot buffer zone.
- West Infiltration Collection System
 - CQC staked a portion of the alignment for the West Infiltration Collection System on 4/3/2019.
- Dust Monitors and Weather Station
 - Bison Engineering on site 4/2/2019 to check calibration of previously positioned ES-1 and ES-3 Dust Monitors. Positioned and conducted the quarterly calibration check on the site's Weather Station. All Dust Monitors (6) and the Weather Station are currently up and operating.

Completion Inspections

- None

THREE WEEK LOOKAHEAD SCHEDULE

Three Week Lookahead Schedule

A copy of the Three Week Lookahead Schedule is provided as Attachment A.

Report completed and submitted by:

David Lee

Project Construction Director

Attachments

- Attachment A – Midnite Mine 3 Week Look-Ahead Schedule

Photos of pertinent items are provided below.



Figure 1 – Pit 4 progress looking to the Northeast



Figure 2 – Loading SP 8 looking West



Figure 3 – Cutting Grade top of South Pond

ATTACHMENT A

MIDNITE MINE THREE WEEK LOOK AHEAD SCHEDULE

